

## ABSTRACT

A method and an apparatus for ultrasonic processing of workpieces (6) with a vibratory structure (1) comprising a sonotrode (3) and a converter (2). Energy is fed to the converter (2) by means of an ultrasonic generator (7), which is switched on and off by electrical switch-on and switch-off signals respectively, only for the duration of processing cycles.

- 5 According to the invention the switch-off signals are generated on the basis of at least one state parameter (P) of the generator (7). (Fig. 1).

Year	Month	Day	Time	Location	Weather	Wind	Temp	Humid	Barom	Notes
1901	Jan	1	10:00	St. Louis	Clear	W	32	75	30.0	First day of the year
1902	Jan	1	10:00	St. Louis	Clear	W	32	75	30.0	Second day of the year
1903	Jan	1	10:00	St. Louis	Clear	W	32	75	30.0	Third day of the year
1904	Jan	1	10:00	St. Louis	Clear	W	32	75	30.0	Fourth day of the year
1905	Jan	1	10:00	St. Louis	Clear	W	32	75	30.0	Fifth day of the year
1906	Jan	1	10:00	St. Louis	Clear	W	32	75	30.0	Sixth day of the year
1907	Jan	1	10:00	St. Louis	Clear	W	32	75	30.0	Seventh day of the year
1908	Jan	1	10:00	St. Louis	Clear	W	32	75	30.0	Eighth day of the year
1909	Jan	1	10:00	St. Louis	Clear	W	32	75	30.0	Ninth day of the year
1910	Jan	1	10:00	St. Louis	Clear	W	32	75	30.0	Tenth day of the year